

Notice of Allowability

Application No.

10/606,761

Examiner

Linh V. Nguyen

Applicant(s)

QIAN ET AL.

Art Unit

2819

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 06/27/03.
2. ☒ The allowed claim(s) is/are 1-31.
3. ☒ The drawings filed on 27 June 2003 are accepted by the Examiner.
4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☐ All b) ☐ Some* c) ☐ None of the:
 1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
 6. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☒ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08),
Paper No./Mail Date _____
4. ☐ Examiner's Comment Regarding Requirement for Deposit
of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☐ Interview Summary (PTO-413),
Paper No./Mail Date _____
7. ☐ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____

Response to Amendment

1. This office action is in response to application No. 10/606761 filed on 06/27/03.

Claims 1 – 31 are pending on this application.

Allowable Subject Matter

2. Claims 1 – 31 are allowed.

3. The following is an examiner's statement of reasons for allowance:

With respect to claims 1, 10, 28 - 31, in addition to other elements in the respective claim, the prior art does not teach a system for compressing a continuous data flow having selecting for each data vector of the n^{th} data subset codevector from $n-1^{\text{th}}$ codebook that approximates the respective data vector, the $n-1^{\text{th}}$ codebook comprising code vectors for encoding at least a portion of the data vectors of the $n-1^{\text{th}}$ codebook the data subset; and determining a fidelity for the approximation of each data vector of the n^{th} data subset; and when the fidelity for the approximation of a data vector of the n^{th} data subset is above a predetermined threshold performing the step of encoding the data vector based on the selected codevector.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Prior Art

4. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Kondo et al. U.S. Patent No. 6,650,256.

Jacquin et al. U.S. Patent No. 5,371,544.

Yoshida et al. U.S. Patent No. 5,673,042.

Furlan et al. U.S. Patent No. 5,640,159.

Huang et al. U.S. Patent No. 5,541,594.

Chang et al. U.S. Patent No. 5,477,221.

Matsuo et al. U.S. Patent No. 5,519,394.

Parkes et al. U.S. Patent No. 5,396,625.

Israelsen U.S. Patent No. 5,255,090.

Lindsay U.S. Patent No. 4,727,3534.

Goyal et al. U.S. Patent No. 6,198,412.

Contact Information

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Linh Van Nguyen whose telephone number is (571) 272-1810. The examiner can normally be reached from 8:30 – 5:00 Monday-Friday.

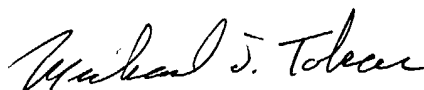
If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Mr. Michael Tokar can be reached at (571) 272-1812. The fax

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phone numbers for the organization where this application or proceeding is assigned are (703-872-9306) for regular communications and (703-872-9306) for After Final communications.

LVN

05/14/2004

A handwritten signature in black ink, reading "Michael J. Tokar". The signature is fluid and cursive, with the first name "Michael" and last name "Tokar" clearly distinguishable.

Michael Tokar
Supervisory Patent Examiner
Technology Center 2800